

Sexually Transmitted Disease in Wisconsin

2005

Northeastern Region



Wisconsin STD Program

Technical notes

1. These reports are compiled by the Wisconsin STD Program and are based on STD case surveillance data collected by the Wisconsin Division of Public Health (DPH). In Wisconsin, state statutes require health care providers to report cases of chlamydia, gonorrhea, syphilis, primary genital Herpes simplex virus (HSV) infection, chancroid, and pelvic inflammatory disease to local health departments. Local health departments in turn forward reports to the DPH.
2. In this analysis the term "all STDs" refers specifically to reported cases of chlamydia, gonorrhea, syphilis, and primary genital Herpes simplex virus (HSV) infection. Unless otherwise specified, syphilis cases shown in these reports include all stages of disease.
3. These reports include cases diagnosed within the specified period. Additional cases diagnosed within the specified period may continue to be reported. Thus, this report should be considered provisional, and this report supercedes all previous reports.
4. Reporting of STDs cases is incomplete. Reporting rates may vary by disease, geographic region, and demographic groups. At any time, reported STD cases represent only part of the total number of diagnosed cases, therefore STD surveillance data likely underestimate total STD morbidity.
5. In these reports, rates presented are cases per 100,000 population. Rates are not calculated for categories with small numbers of cases. See each report for the rate calculation threshold.
6. Typically a significant number of STD cases are reported with unspecified race. When noted, imputed race-specific rates have been calculated. To calculate the imputed rate, reported cases with unspecified race were statistically allocated using the county-specific race distribution among cases with specified race. Thus, imputed rates specified in this table are estimates and should be used only for comparison.
7. In these reports, cases are allocated to the county of residence at the time of diagnosis. Cases diagnosed among inmates of correctional facilities are allocated to the county of the facility.

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Table 1. Reported cases of sexually transmitted disease
Northeastern Region
Year: 2005

	<u>All STDs</u>		<u>Chlamydia</u>		<u>Gonorrhea</u>		<u>Syphilis</u>		<u>Genital HSV</u>	
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent
Total	3625	100.0%	2582	100.0%	470	100.0%	16	100.0%	557	100.0%
Sex										
Male	926	25.5%	660	25.6%	150	31.9%	15	93.8%	101	18.1%
Female	2697	74.4%	1920	74.4%	320	68.1%	1	6.3%	456	81.9%
Unknown	2	0.1%	2	0.1%	0	0.0%	0	0.0%	0	0.0%
Race										
White	2370	65.5%	1716	66.6%	266	56.6%	13	81.3%	375	67.3%
Black	304	8.4%	204	7.9%	86	18.3%	2	12.5%	12	2.2%
Am. Indian	222	6.1%	177	6.9%	35	7.4%	0	0.0%	10	1.8%
Asian/Pacific Is.	73	2.0%	66	2.6%	5	1.1%	1	6.3%	1	0.2%
Other	44	1.2%	33	1.3%	7	1.5%	0	0.0%	4	0.7%
Unknown	608	16.8%	382	14.8%	71	15.1%	0	0.0%	155	27.8%
Hispanic ethnicity										
Hispanic	177	4.9%	142	5.5%	22	4.7%	0	0.0%	13	2.3%
Non Hispanic	2510	69.2%	1844	71.4%	299	63.6%	15	93.8%	352	63.2%
Unknown	938	25.9%	596	23.1%	149	31.7%	1	6.3%	192	34.5%
Age group										
0-4	1	0.0%	0	0.0%	0	0.0%	0	0.0%	1	0.2%
5-9	1	0.0%	0	0.0%	0	0.0%	0	0.0%	1	0.2%
10-14	35	1.0%	29	1.1%	2	0.4%	0	0.0%	4	0.7%
15-19	1003	27.7%	796	30.8%	137	29.1%	0	0.0%	70	12.6%
20-24	1372	37.8%	1061	41.1%	163	34.7%	2	12.5%	146	26.2%
25-29	626	17.3%	448	17.4%	84	17.9%	3	18.8%	91	16.3%
30-34	262	7.2%	144	5.6%	42	8.9%	2	12.5%	74	13.3%
35-39	125	3.4%	56	2.2%	16	3.4%	4	25.0%	49	8.8%
40-44	93	2.6%	29	1.1%	18	3.8%	3	18.8%	43	7.7%
45-49	39	1.1%	9	0.3%	3	0.6%	1	6.3%	26	4.7%
50+	67	1.8%	9	0.3%	5	1.1%	1	6.3%	52	9.3%
Unknown	1	0.0%	1	0.0%	0	0.0%	0	0.0%	0	0.0%

Table 2. Reported cases of sexually transmitted disease by year
Northeastern Region

Year	All STDs	Chlamydia	Gonorrhea	Syphilis	Genital HSV
1993	1,692	1,212	159	25	296
1994	1,928	1,285	198	11	434
1995	1,884	1,183	248	17	436
1996	1,829	1,120	231	15	463
1997	1,922	1,266	235	5	416
1998	2,249	1,488	305	7	449
1999	2,217	1,587	205	4	421
2000	2,372	1,725	181	3	463
2001	2,612	1,823	273	9	507
2002	2,925	2,015	340	6	564
2003	3,154	2,137	379	11	627
2004	3,492	2,444	462	8	578
2005	3,625	2,582	470	16	557
Total	31,901	21,867	3,686	137	6,211

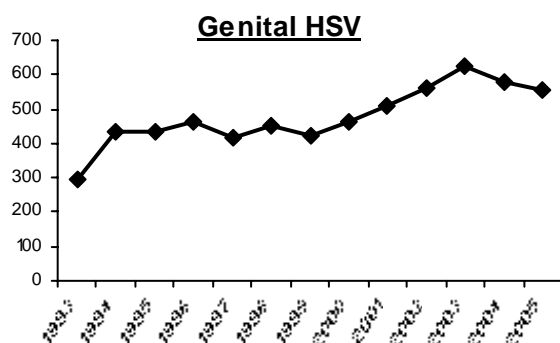
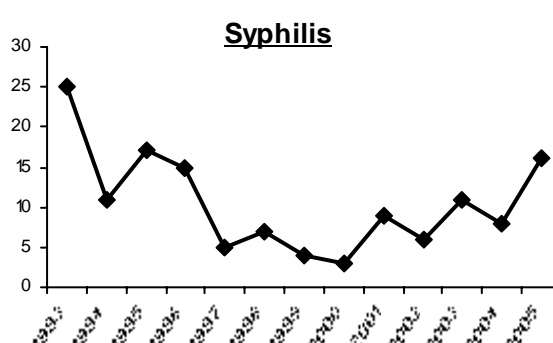
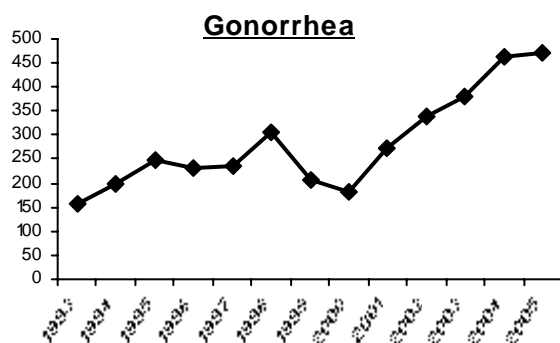
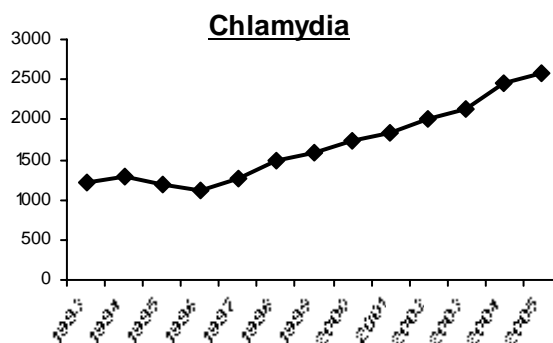
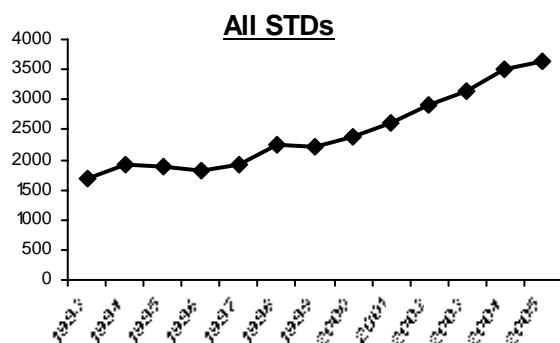


Table 3. Reported cases of sexually transmitted disease by county
Northeastern Region
Year: 2005

County	<u>All STDs</u>			<u>Chlamydia</u>			<u>Gonorrhea</u>			<u>Syphilis</u>			<u>Genital HSV</u>		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Brown	1166	32.2%	489	803	31.1%	336	230	48.9%	96	4	25.0%	**	129	23.2%	54
Calumet	41	1.1%	92	29	1.1%	65	4	0.9%	**	0	0.0%	**	8	1.4%	18
Door	78	2.2%	270	60	2.3%	207	4	0.9%	**	0	0.0%	**	14	2.5%	48
Fond Du Lac	274	7.6%	276	190	7.4%	191	29	6.2%	29	0	0.0%	**	55	9.9%	55
Green Lake	40	1.1%	207	30	1.2%	155	1	0.2%	**	0	0.0%	**	9	1.6%	47
Kewaunee	22	0.6%	105	19	0.7%	91	0	0.0%	**	0	0.0%	**	3	0.5%	**
Manitowoc	159	4.4%	190	127	4.9%	152	8	1.7%	10	3	18.8%	**	21	3.8%	25
Marinette	60	1.7%	136	37	1.4%	84	6	1.3%	14	2	12.5%	**	15	2.7%	34
Marquette	26	0.7%	172	16	0.6%	106	2	0.4%	**	0	0.0%	**	8	1.4%	53
Menominee	70	1.9%	1,520	53	2.1%	1,151	9	1.9%	195	0	0.0%	**	8	1.4%	174
Oconto	68	1.9%	180	49	1.9%	130	5	1.1%	13	0	0.0%	**	14	2.5%	37
Outagamie	534	14.7%	315	396	15.3%	234	80	17.0%	47	2	12.5%	**	56	10.1%	33
Shawano	72	2.0%	172	58	2.2%	139	7	1.5%	17	0	0.0%	**	7	1.3%	17
Sheboygan	327	9.0%	284	250	9.7%	217	23	4.9%	20	1	6.3%	**	53	9.5%	46
Waupaca	71	2.0%	134	58	2.2%	109	3	0.6%	**	0	0.0%	**	10	1.8%	19
Waushara	24	0.7%	98	21	0.8%	86	0	0.0%	**	1	6.3%	**	2	0.4%	**
Winnebago	593	16.4%	367	386	14.9%	239	59	12.6%	37	3	18.8%	**	145	26.0%	90
Total	3625	100.0%	302	2582	100.0%	215	470	100.0%	39	16	100.0%	1	557	100.0%	46

* Cases per 100,000 population

** Rate not calculated for categories with less than 5 cases.

Table 4. Reported cases of sexually transmitted disease by age and disease
Northeastern Region
Year: 2005

All STDs			Chlamydia			Gonorrhea		
Age	Cases	Rate*	Age	Cases	Rate*	Age	Cases	Rate*
0-4	1	**	0-4	0	**	0-4	0	**
5-9	1	**	5-9	0	**	5-9	0	**
10-14	35	41	10-14	29	34	10-14	2	**
15-19	1,003	1145	15-19	796	909	15-19	137	156
20-24	1,372	1643	20-24	1,061	1270	20-24	163	195
25-29	626	841	25-29	448	602	25-29	84	112
30-34	262	348	30-34	144	191	30-34	42	55
35-39	125	144	35-39	56	64	35-39	16	18
40-44	93	91	40-44	29	28	40-44	18	17
45-49	39	40	45-49	9	9	45-49	3	**
50+	68	18	50+	10	2	50+	5	1
Total	3,625	301	Total	2,582	214	Total	470	39

Syphilis			Genital HSV		
Age	Cases	Rate*	Age	Cases	Rate*
0-4	0	**	0-4	1	**
5-9	0	**	5-9	1	**
10-14	0	**	10-14	4	**
15-19	0	**	15-19	70	79
20-24	2	**	20-24	146	174
25-29	3	**	25-29	91	122
30-34	2	**	30-34	74	98
35-39	4	**	35-39	49	56
40-44	3	**	40-44	43	42
45-49	1	**	45-49	26	26
50+	1	**	50+	52	14
Total	16	1	Total	557	46

* Cases per 100,00 population

** Rate not calculated for categories with less than 5 cases.

Table 5. Reported sexually transmitted disease, reported rates* and imputed rates by race
Northeastern Region
Year: 2005**

	Cases per 100,000 population***				
	All STDs	Chlamydia	Gonorrhea	Syphilis	Genital HSV
	Reported - Imputed	Reported - Imputed	Reported - Imputed	Reported - Imputed	Reported - Imputed
White	206 - 248	149 - 174	23 - 27	1 - 1	32 - 45
Black	2352 - 2810	1578 - 1886	665 - 772	** - **	92 - 136
Am. Indian	1110 - 1343	885 - 1065	175 - 207	** - **	50 - 70
Asian/Pacific Is.	316 - 366	285 - 331	21 - 24	** - **	** - **

* The reported rate is the number reported cases with specified race per 100,000 population. Because some cases are reported with unspecified race, the reported rate under-estimates actual morbidity and thus should be regarded as a minimum estimate.

** The imputed rate takes into consideration cases reported without race specified. To calculate the imputed rate reported cases with unspecified race were statistically allocated using the county-specific race distribution among cases with specified race. Thus, imputed rates specified in this table are estimates.

*** Rate not calculated for categories with less than 5 cases.